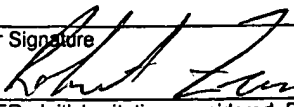


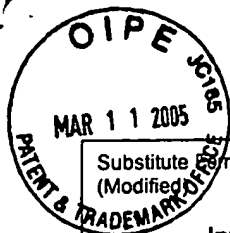
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13407-016001	Application No. 09/461,580
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Leonard Guarente et al.	
		Filing Date December 15, 1999	Group Art Unit 1645

U.S. Patent Documents							
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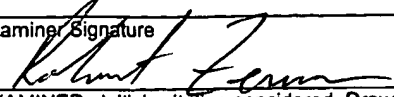
Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
RZ	GC	Karpen, G., et al., <i>The case for epigenetic effects on centromere identity and function</i> , Trends Genet 13: 489-496 (1997)
RZ	GD	Grunstein, M., <i>Yeast Heterochromatin: Regulation of Its Assembly and Inheritance by Histones</i> , Cell 93, 325-328 (1998))
RZ	GE	Sherman, J. M., et al., <i>An uncertain silence</i> , Trends Genet. 13: 308-313 (1997)
RZ	GF	Ivy, J. M., et al., <i>Cloning and Characterization of Four SIR Genes of Saccharomyces cerevisia</i> , Mol. Cell. Biol. 6: 688-702 (1986)
RZ	GG	Gotta, M., et al., <i>The Clustering of Telomeres and Colocalization with Rap1, Sir3, and Sir4 Proteins in Wild-Type Saccharomyces cerevisiae</i> , J. Cell Biol. 134: 1349-1363 (1996)
RZ	GH	Rine, J., et al., <i>Four Genes Responsible for a Position Effect on Expression From HML and HMR in Saccharomyces cerevisiae</i> , Genetics 116: 9-22 (1987);
RZ	GI	Aparicio, O. M., et al., <i>Modifiers of Position Effect Are Shared between Telomeric and Silent Mating-Type Loci in S. cerevisiae</i> , Cell 66: 1279-1287 (1991)).
RZ	GJ	Triolo, T., et al., <i>Role of interactions between the origin recognition in complex and SIR1 in transcriptional silencing</i> , Nature 381: 251-253 (1996)
RZ	GK	Hardy, C. F. J., et al., <i>A RAP1-interacting protein involved in transcriptional silencing and telomere length regulation</i> , Genes Dev. 6: 801 (1992)
RZ	GL	Moretti, P., et al., <i>Evidence that a complex of SIR proteins interacts with the silencer and telomere-binding protein RAP1</i> , Genes Dev. 8: 2257 (1994)
RZ	GM	Shou, W., et al., <i>Exit from Mitosis Is Triggered by Tem1-Dependent Release of the Protein Phosphatase Cdc14 from Nucleolar RENT complex</i> , Cell 97: 233-244 (1999)
RZ	GN	Mills, K. D., et al., <i>MEC1-Dependent Redistribution of the Sir3 Silencing Protein from Telomeres to DNA Double-Strand Breaks</i> , Cell 97: 609-620 (1999);

Examiner Signature 	Date Considered 8/11/05
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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
RE	GO	Martin, S. G., et al., <i>Relocalization of Telomeric Ku and SIR Proteins in Response to DNA Strands Breaks in Yeast</i> , Cell 97: 621-633 (1999)
RE	GP	Bryk, M., et al., <i>Transcriptional silencing of Tyl elements in the RDN1 locus in yeast</i> , Genes Dev. 11: 255-269 (1997);
RE	GQ	Smith, J. S., et al., <i>An unusual form of transcriptional silencing in yeast ribosomal DNA</i> , Genes Dev. 11: 241-254 (1997)
RE	GR	Sinclair, D. A., et al., <i>Accelerated Aging and Nucleolar Fragmentation in Yeast sgs1 Mutants</i> , Science 277: 1313-1316 (1997)
RE	GS	Park, P. U., et al., <i>Effects of Mutations in DNA Repair Genes on Formation of Ribosomal DNA Circles and Life Span in Saccharomyces cerevisiae</i> , Mol. Cell. Biol. 19: 3848-3856 (1999)
RE	GT	Braunstein, M., et al., <i>Efficient Transcriptional Silencing in Saccharomyces cerevisiae Requires a Heterochromatin Histone Acetylation Pattern</i> , Mol. Cell. Biol. 16: 4349-4356 (1996);
RE	GU	Braunstein, M., et al., <i>Transcriptional silencing in yeast is associated with reduced nucleosome acetylation</i> , Genes Dev 7: 592-604 (1993)),
RE	GV	Brachmann, C. B., et al., <i>The SIR2 gene family, conserved from bacteria to humans, functions in silencing, cell cycle progression, and chromosome stability</i> , Genes Dev. 9: 2888-2902 (1995)
RE	GW	Tsang, A. W., et al., <i>CobB, a New Member of the SIR2 Family of Eucaryotic Regulatory Proteins, Is Required to Compensate for the Lack of Nicotinate Mononucleotide:5,6-Dimethylbenzimidazole Phosphoribosyltransferase Activity in cobT Mutants during Cobalamin Biosynthesis in Salmonella typhimurium LT2*</i> , J. Biol. Chem. 273: 31788-31794 (1998)

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